

WEST Search History

DATE: Thursday, September 19, 2002

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
L15	L14 and (cleaning or preparing or removing)	52	L15
L14	L8 and workpiece	84	L14
L13	l9 and workpiece	4	L13
L12	L11 and (two fluids)	1	L12
L11	L10 and preparing	67	L11
L10	L9 and cleaning	194	L10
L9	L8 and drying	698	L9
L8	interface layer	6859	L8
L7	((134/\$)!.CCLS.) and l3	10	L7
L6	l4 and (article or substrate or object)	66	L6
L5	L4 and (different densities)	3	L5
L4	L3 and interface	86	L4
L3	L1 and (two phase fluid)	385	L3
L2	L1 and (two phase liquid)	870	L2
L1	cleaning or treating or drying or processing	3116832	L1

END OF SEARCH HISTORY

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END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 4 of 4 returned.**☐ 1. Document ID: US 6145519 A

L13: Entry 1 of 4

File: USPT

Nov 14, 2000

US-PAT-NO: 6145519

DOCUMENT-IDENTIFIER: US 6145519 A

TITLE: Semiconductor workpiece cleaning method and apparatus

DATE-ISSUED: November 14, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Konishi; Toko	Tokyo			JP
Ban; Cozy	Tokyo			JP

US-CL-CURRENT: 134/95.2; 134/902, 134/95.3

ABSTRACT:

A semiconductor workpiece cleaning apparatus includes a cleaning arrangement that cleans a semiconductor workpiece by use of a cleaning liquid, a charging arrangement that brings into a chamber a drying liquid, and a discharging arrangement that discharges the cleaning liquid. The cleaning arrangement cleans the workpiece by spraying chemical liquid and/or pure water in the chamber, and by immersing the workpiece in the chemical liquid and/or pure water. The charging arrangement takes in the drying chemical liquid or vapor so as to contact the processing chemical liquid or pure water in which the semiconductor workpiece is immersed. The discharging arrangement discharges the processing chemical liquid or pure water while preserving an interface between the processing chemical liquid or pure water and the drying chemical liquid or vapor.

19 Claims, 16 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Drawn Desc	Image										

☐ 2. Document ID: US 5709765 A

L13: Entry 2 of 4

File: USPT

Jan 20, 1998

US-PAT-NO: 5709765

DOCUMENT-IDENTIFIER: US 5709765 A

TITLE: Flexible belt system

DATE-ISSUED: January 20, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Herbert; William G.	Williamson	NY		
Yu; Robert C.U.	Webster	NY		
Foley; Geoffrey M.T.	Fairport	NY		
Limburg; William W.	Penfield	NY		
Post; Richard L.	Penfield	NY		
VonHoene; Donald C.	Fairport	NY		
Mishra; Satchidanand	Webster	NY		

US-CL-CURRENT: 156/293; 156/294, 29/235

ABSTRACT:

A flexible belt is disclosed which includes a major segment and at least one narrow minor segment, the narrow minor segment extending from one end of the belt to the opposite end and being more extendible than the major segment when subjected to an externally applied tension. This belt may be a component of a composite cylindrical device including a rigid drum substrate supporting the flexible belt in a stretched condition. The composite cylindrical device may be fabricated by providing a preformed rigid cylindrical support drum having a predetermined outer circumference, a first end and a second end, providing a flexible belt having an outer surface and an inner surface circumference of at least about 0.05 percent smaller than the outer circumference of the support drum, the belt including a major segment and at least one narrow minor segment, the narrow minor segment extending from one end of the belt to the opposite end and being more extendible than the major segment under the same applied tension, circumferentially expanding the belt with a flowing fluid under pressure until the inner surface circumference of the belt adjacent the first end is stretched to a new dimension of at least about 0.1 percent greater than the outer circumference of the support drum while maintaining the belt below the elastic limit of the belt, sliding the belt onto the support drum from the first end toward the second end of the support drum until substantially all of the belt encircles the outer surface of the support drum, and terminating the flow of the flowing liquid to allow the belt to contract onto the outer surface of the support drum.

20 Claims, 34 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWAC
Draw Desc	Image										

☐ 3. Document ID: US 5654037 A

L13: Entry 3 of 4

File: USPT

Aug 5, 1997

US-PAT-NO: 5654037

DOCUMENT-IDENTIFIER: US 5654037 A

TITLE: Method of minimizing defects in painted composite material products

DATE-ISSUED: August 5, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Moore; John H.	Waterford	MI		
Marentic; Mark J.	Sylvan Lake	MI		

US-CL-CURRENT: 427/379; 427/316, 427/322, 427/412.1

ABSTRACT:

A process for painting a fiber reinforced composite plastic member. Prolonged pre-heating of the composite member is used to minimize defects in a subsequently applied clear resin finish coating. The finish coating is applied and curing of it commenced before the composite member has substantially cooled, effective to inhibit formation of pits and blisters in the clear finish coating, and delamination in pore areas beneath said clear finish coating.

10 Claims, 3 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

K00C

☐ 4. Document ID: US 5350448 A

L13: Entry 4 of 4

File: USPT

Sep 27, 1994

US-PAT-NO: 5350448

DOCUMENT-IDENTIFIER: US 5350448 A

TITLE: Electrically conductive pigments

DATE-ISSUED: September 27, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dietz; Johann	Dietzenbach			DE
Franz; Klaus	Kelkhiem			DE
Pfaff; Gerhard	Munster			DE
Vogt; Reiner	Wixhausen			DE
Nitta; Katsuhisa	Fukushimi			JP

US-CL-CURRENT: 106/441; 106/415, 106/482, 252/520.1, 252/520.2

ABSTRACT:

A process for the preparation of light-colored, electrically conductive pigments based on substrates having an expansion of not more than 500 .mu.m, which pigments consist of one or more metals, metal oxides or materials containing metal oxide, silicon oxide or silicate materials and contain, if desired above one or more other metal oxide and/or silicon oxide layers, an outer layer based on halogen-doped tin oxide and/or titanium oxide.

9 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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Term	Documents
WORKPIECE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	172742
WORKPIECES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	65105
(9 AND WORKPIECE).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	4
(L9 AND WORKPIECE).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	4

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